OK to send

APQ-56 Improvement Program

SAPC /6359 COPY / OF /

May 28, 1957

SYSTEM		Du Daic	
XH-2 XH-3	4.15	R. F. High Voltage Power Supply - R. F. 3311	STAT
NAVY		The 3M adhesive sample arrived and was used to bond one R.F. unit of Rexolite. After 5 cycles of thermal shock (-55° to +85°- 2 HR at each temperature) two sides of the box fell off and two other seams were loose. A last resort is to use non-metalic screws for support; meanwhile, an attempt to obtain a fused joint of the Rexolite will be made.	2
All	6.22	P. E. Cell -	STAT
		Three P. E. Cell Test Sets are being built and tested to establish the sensitivity of P. E. Cells. All sets have been built and tested. A standard P. E. Cell will be included with each set for calibration at each usage. We are keeping a prime standard P. E. Cell for periodic calibration of each test set standard. The rough draft of the specification (T-632041) for P. E. Cell 595R017H01 (IRC type BlO-M) has been written.	
Time Shared	12 22	ACC That I	0747
mer ea	17022	AGC - Friedmann,	STAT
		Design a new AGC that will be less susceptible to r-f interference and to stray audio pickup.	
		Drafting has finished all drawings for the new AGC. They are being checked by Engineering.	
11	20.14	Pulse Width -	STAT
		Several unsuccessful attempts have been made to shorten the r-f envelope pulse to 0.10 us maximum. A new pulse transformer is now available and will be used in further investigation.	

Sanitized Copy Approved for Release 2011/08/22 : CIA-RDP89B00487R000300580002-8

-		-		L	1	4		_	Ļ	1	4				_		1	\perp	1									L																	
			_						上	T					-		†	\perp	İ	\perp					-	-		\vdash	\vdash	-		_		-	-		H		İ	\vdash	\vdash	\vdash			
-				_	+	+		-	+	+	+			_	<u></u>	-	+	+	+	+	-		-		-	<u> </u>	-	\vdash	-	-		-		-	-	-	-	-		\perp	Į.	Ļ		·	
-	Rectifier R.7. Heed	3%	6/3	<i>V</i> :	6,	3	/3	8/3	6/	5 6	/3	43	6/5	6/3	6/3	BIP	+-			-		M/A	M/A	H/A	6/3	6/3	BII	+-			H/A-					-	-	-		<u></u>	<u> </u>	Waiti ings	ing on	back orde 5/31/57	ered dra
-		62	<u> </u>	12	`P/	3	8	1/3	¥.	3 6		1/3	6/3	8/2			+-	+			-	8/3		8/3	8/29	4/1	BIP	+	<u> </u>		N/A-								-	+	-	Wait:		back orde 5/31/57.	
_		5/13	,	+	+	4	A	_^	15/	14 5	24	5/24	5/24	5/h	5/1	BI	P	+				1/22	4/22	4/3	_	.,,	BIF	1	-	-	5/7	5/7	5/7	5/7	5/7	W/S 5/15	5/1	W/S 5/1	5/1	5 5/1	BIP	*To	Engr.		
-	Name Plates Replace Temperary	W/A		<u> </u>	+	=		-	丰	+					<u> </u>	1	+-	\pm	\pm			N/A-	-		3/29	3/2	H/A	-	<u> </u>		ļ						ļ					*			
-	AGC Clamp Video Amp.	4/s	6/3	6/			6/5	2/5	5/2		13	6/3	6/3	6/	ы	1-		Ŧ.				1/3	4	6/3	6/3	4/1	In	lew I	es ign	BIF	N/A-						E	-	E	E		Weit inge	ing or	back osc 5/31/57.	dores d
	Cebling, Assesseries and Vaveguide	5/87	H/A		7 5		H/A		7 5/		Å		5/27	5/A	5/2	5/2	7 11/1	N,	A	N/A		K/A-					1	-									ļ	-	-	#	_	+			
	Oround Range Sweep Add Clamping Circuit	\$/5	*/5	3	12 4	7,2	3 4/1	33	2 4,		3	\$	8 4/2	-	2 %	-	12 47	1a B	IP :	BIP	BIF		/=	4/10	4/8	43,	In	New I	esign	BIP	H/A-					<u> </u>	ļ		1			-1		hipped 5/	
$\overline{}$	Ant. System Adjust Angle of Pod		R/A	۳	+	<u></u>	11/4	5/8	1		7	• •	BIP	BII	-	1	\ \ \ \ \ \	A N	/A	B/A	1/4	H/A-	-//2	-/9	1/23	17		I	1		3/0	3/6	3/6	3/8	3/0	3/0	3/	3/0	3/	7 3/6		5/16	papers /57.	reshipped	d by
	Maggie Soal	8	5/2	8		76	5/16	3		7	3	5/N	3/2	3	١.	١,,	-	#	,			1/2	475	I.	3/29	471	BII	1	1		5/6	8,6	5/6	8,4	5/6	5/6	5/	5 5/6	5 5	6 5/6	BIP	1			
	Power Supply Decrease 400 V Ripple	3/25	3/2			,,,	3/2	3/2	3		5 5 /29	3/3	1	3	9 3/	3 3	201	,				6/A	-	5/9	4/29	4/1	7	_	Ε													1			
_	Synchronizer - Replace Clutch in Alt. Serve.	3/3	3.	ť	,	3	3.	3	#	5	3,	3/-	8	1	1	3,	Ŧ			7724				3	4/29		-	+		+	> NA	_				-		+-		_	+	1			
-	Control Fanel to Prevent Synchro Damage	-	475	4	1	3	3	3/3	+	4	1/10	4/1 4/5		-	-	-		20 5	20	5/14	4	N/A.	1	=	1/16	1 1/1	+	+	+-	T	HA-		-		+	+	+=	+	-	#	+	1		Kit from	
	Power Supply Fuse Protection for 28 V. Fogus Alignment Fixture Provide for Rear Antenna Peed	*/3 //	1	100	20 5	25	4/5 5/2	4/	4	-	\$ 5	4/5 5	5/3		3	+	+,	+	-	-	1/5	H/A-	-	-	+-	+	+	+-	+	+		-	-		-	+	+	+	+	+	+	Wai	ting o	n P. O. C	-5544
_	Recorder 10 KV Power Supply	5/20	_	1	نلة	5/8	5/1/		20 5/	,so	-	8∕3	6/3	1	4.7	81	P	+	+			A	1	_^	A	-	A	1 A	A	A	HA							+		+=	+	- Per wa	inting 1	10 3512	New Pro
	Pocus à Alignment Fixture	-	4/4	+	-	3/4	4/4	4/	4 1	-+	H/A		BIP-	-	+-	+-	+	+	-			1/11	4/45	.0%	N/A	+	-	+-	-	BIP	HA-				-	-	-	-	+	+=		-45/24,	/57.	new conta	
	Camera Servo Notors		3/3	_	39[-	-	-	34.	#	-	-	THE	DZS	-	#	+	+	=		_		1/20	+	1	+	=	+-	+) BIP	NA-	_	-		-		+-			+		-			
	Camera Cooling	3/1:	3/7	32	29	3/29	3/2	1	29 4	/24	\$ 1/24	4,2	1/2	4/	47	B1	P	-	=			5/14	5/14	3/1	N/A		-	+	-	A	KA-		-	-	<u> </u>	<u></u>				-	-	·Per	Ed Art	nold - Ne	ed Eit
	Recorder Cooler	3,7	14/	19 47	2	3.A3	3/1	3 5/		3,	5/3	* 8 5/3	5/3	5/	3 5/	1 5/	8 87 BT	P-				3/2:	*I 5/13			1 4/s	g D	1 3	G N		NA-						-		Π.			Per	Ed Ar	nold - Ne	ed Kit
N	DESCRIPTION	.01	02	_	_		05		6 6	~	_		_	1	_		3	14	15	16	17	-	05	.03	01	_	XH-3	0	05	-	01	02	03	XH-	_	06	07	98	09	10	Ben	E		REMARKS	-
LEGEND A - APPLY N/A - NOW APPLICABLE W/I - WAITING SATEPING TSTRUCTIONS W/S - WILL SHIP S - SIFPED I - VSTALLED					_	-			•			٠.		-	-	27	<u> </u>		3	¥.,.	LI	E M		-	 					HAV															••